

## Electronic Acknowledgement Receipt

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| <b>Application Number:</b>                  | 10634662   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 6355   |
| <b>Title of Invention:</b>                  | Ruthenium layer formation for copper film deposition |
| <b>First Named Inventor/Applicant Name:</b> | Mei Chang  |
| <b>Customer Number:</b>                     | 44257  |
| <b>Filer:</b>                               | John-Paul Francis Cherry/Mimi Corona                 |
| <b>Filer Authorized By:</b>                 | John-Paul Francis Cherry                             |
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| <b>Application Type:</b>                    | Utility  |

### Payment information:

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### File Listing:

| Document Number | Document Description | File Name                     | File Size(Bytes) | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|-------------------------------|------------------|------------------|------------------|
| 1               |                      | APPM005975P1_EXS_RFO_A_EF.pdf | 1196923          | yes              | 15               |

| Multipart Description/PDF files in .zip description |       |     |  |
|---|-------|-----|--|
| Document Description                                | Start | End |  |
| Amendment After Final                               | 1     | 1   |  |
| Claims  | 2     | 11  |  |
| Applicant Arguments/Remarks Made in an Amendment    | 12    | 15  |  |

**Warnings:**

**Information:**

|                              |         |
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

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